



IFNEC

The International Framework for Nuclear Energy Cooperation

IFNEC - aiming to change the world of nuclear power

“The International Framework for Nuclear Energy Cooperation provides a forum for cooperation among participating states to explore mutually beneficial approaches to ensure the use of nuclear energy for peaceful purposes proceeds in a manner that is efficient and meets the highest standards of safety, security and non-proliferation.”

IFNEC conferences and workshops bring together experts from multiple countries to discuss current issues in the nuclear power industry, to share experiences and lessons, and to present potential approaches to resolve issues.

NECG expert contribution

NECG is regularly asked to participate in and to provide expert input for IFNEC events and activities. NECG participation in IFNEC activities is evidence of industry recognition and knowledge of NECG experts.

NECG experts have participated in IFNEC events since 2012.

“Mr. Kee concluded that because carbon pricing will not be enough to drive nuclear investment, carbon pricing is not likely to ensure that COP21 goals are reached.”

*- Conference Proceedings,
Nuclear Energy's Role in the
21st Century: Addressing the
Challenge of Financing;
11-12 May 2016*

NECG engagement in IFNEC activities

1. Financing and related issues

Challenges and Opportunities Facing Nuclear Energy in an Energy Transitions Context; 13-14 November 2018; co-sponsored IFNEC – NICE Future initiative Conference held in METI offices in Tokyo, Japan.

- Edward Kee - presentation on the role of government in nuclear power

Nuclear Energy's Role in the 21st Century: Addressing the Challenge of Financing; IFNEC/NEA Nuclear Finance Conference, organized jointly by IFNEC and the Nuclear Energy Agency (NEA); 11 May 2016, OECD Conference Centre in Paris France.

- Edward Kee - [presentation](#) on the impact of carbon pricing on nuclear power and participation in the case study exercises
- Fabienne Pehuet - [presentation](#) on approaches to attract private capital for nuclear new build projects and moderator for a session on financial risk management
- Paul Murphy moderated a session on establishing confidence in future pricing and return on investment and participated in the case study exercises

Romania 2015: IFNEC Executive Committee meeting; 3 October 2015; Sinaia, Romania.

- Paul Murphy - report on nuclear power plant financing to the Executive Committee

IFNEC Steering Group and Ministerial Meetings; 16 October 2014; Seoul, South Korea.

- Paul Murphy - report on “Financing Nuclear Power Projects – New and Emerging Models”

IFNEC Small Modular Reactor Workshop: Practical Deployment Issues and Approaches; 11 June 2014; Dead Sea, Jordan.

- Paul Murphy - report on “Developing and Financing SMR Projects”

IFNEC Steering Group Meeting on Finance and Project Structuring; 9 May 2014; Bucharest, Romania.

- Paul Murphy - [presentation](#) on “The Decision-Making Process” for nuclear power plant projects
- Paul Murphy - [presentation](#) on “Financing an NPP: Foundation Knowledge”
- Paul Murphy - [presentation](#) on “Types of Financing Structures” for nuclear power plants

IFNEC Finance, Regulatory, And Energy Planning Authority Workshop; 22 October 2013, Etihad Towers, Abu Dhabi, UAE.

- Edward Kee - part of expert panel in a moderated scenario process
- Xavier Rollat - part of expert panel in a moderated scenario process
- Paul Murphy - [presentation](#) on the “Influence of nuclear safety and electricity market regulation on the financing of an NPP”

IFNEC Finance Workshop, 9-10 May 2012, Lancaster House, London, UK

- Paul Murphy and Edward Kee – part of expert panel on issues related to “Expanding an Established Nuclear Power Program”

2. Reliable Nuclear Fuel Services Working Group (RNFSWG)

RNFSWG Workshop on Approaches for Financing a Multinational Repository; 11 December 2018; OECD Conference Centre in Paris.

- Paul Murphy - [presentation](#) on potential financing approaches, with help from Edward Kee, Xavier Rollat, and Tim Frazier

RNFSWG - Interviews with dual-track countries – NECG retained in late 2015 by U.S. Department of Energy to develop draft interview guide/questions for RNFSWG interviews of countries considering a dual track (i.e., national repository and multinational repository) approach for future high-level nuclear waste and spent nuclear fuel disposition.

- Edward Kee, Paul Murphy, Melissa Hersh, Edward Davis, Rudiger Koenig, and Xavier Rollat were involved in this work

RNFSWG – International Repository Concept Paper – NECG was part of a team retained in early 2015 by U.S. Department of Energy to develop a concept paper on international repositories for spent nuclear fuel, with a focus on economic and non-economic issues for countries hosting a multinational repository.

- Edward Kee, Paul Murphy, Melissa Hersh, Rudiger Koenig, Xavier Rollat, and Dr. Tim Stone were involved in this work

Nuclear Economics Consulting Group (NECG) applies in-depth analysis to complex economic, business, regulatory, financial, geopolitical, legal, and other challenges related to the nuclear industry. Our work is based on analytical rigor and objectivity informed by real-world industry experience.

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